

Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

STATE OF OREGON
 WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)

WELL I.D. # L 59816
 START CARD # 166730

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number _____
 Name Mike Graves
 Address PO Box 531
 City Molalla State OR Zip 97038

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 308 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
10"	0	259	Cement	0	259	110 sacks
6 1/8"	259	308				

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6"	+1	259	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	4 1/2"	248	308	CL200	<input type="checkbox"/>	<input checked="" type="checkbox"/>	screwed	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) 259.5'

(7) PERFORATIONS/SCREENS:
 Perforations Method Saw cut
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
288	308	1/8x3	120			<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing Time
40	N/A	308'	1 hr.
25	N/A	255'	.25-hr.

Temperature of water 56° Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom D. Miller
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____
 Iron <1.0 hard 5 grains

(9) LOCATION OF WELL by legal description:
 County Clackamas Latitude _____ Longitude _____
 Township 5S N or S Range 2E E or W. WM.
 Section 14 NE 1/4 NE 1/4
 Tax Lot 1220 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 32280 S. Wright Rd.

(10) STATIC WATER LEVEL:
219 ft. below land surface. Date 8-4-04
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 77'

From	To	Estimated Flow Rate	SWL
77'	92'	2 gpm	N/A
113'	129'	5 gpm	N/A
268'	308'	40 gpm	219'

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
soil brown	0	2	
clay grey	2	6	
clay brown gritty	6	9	
clay brown firm	9	43	
gravel & sand cemntd brn	43	59	
siltstone brown med	59	77	
sand brown cemented	77	92	
clay blue grey stiff	92	113	
sand & gravel fine to med cemented grey	113	129	
clay blue sticky	129	133	
clay brown sticky	133	147	
clay red brown gritty	147	173	
clay tan med	173	204	
clay grey med	204	221	
clay blue gritty	221	229	
clay grey	229	233	
sandstone conglom. grv	233	251	

Date started 7-22-04 Completed 8-4-04

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 Signed [Signature] WWC Number 1487 Date 8-9-04

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 Signed [Signature] WWC Number 688 Date 8-9-04

RECEIVED
 AUG 12 2004

